

Basic Report (Download)

This is the approved revision of this page, as well as being the most recent.

The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

The Basic Report can be found as a sub-option under Display on the Main Menu, as well as under the Main Menu Map options. This display option of IFs allows users to present important information for a country or group. As the name suggests, this display feature presents a basic report of various important variables for selected countries or groups.

A sample Basic Report (below) shows you a selection of variables from the model in key issue areas. The image below is for India in the default, single-grid format.

Single Grid View

Click on the arrow attached to the Countries/Regions box. A list of the countries/regions used in IFs will appear. Click on one of interest to you and see the report change to that country/region. If you click on the Use Groups option in the top menu, the Countries/Regions box changes to Groups and you can pick a grouping of countries/regions. Note that the Use Groups option in the menu changes to Use Country/Regions when you touch it (it is a "toggle switch"). Experiment with displaying a variety of countries/regions and groups. Moving to the right of the countries/regions scroll-down list, you are able to change the Run-Result-File that is used to compute the forecast.

Basic Report

Exit View Explain Scenarios Use Groups Switch to Report 2 Switch to Multiple Grids Display Report for Printing Define Report

Countries or Regions **Select File:** Double Click on name for table - Right Click for full name.

India 0 - Working File, based on IFSBASE.RUN

DEF	2000	2005	2010	2015	2020
AGRICULTURE					
Agricultural demand - Mil Met Tons	306.6	339.7	377.5	418.4	464
Agricultural imports - Mil Met Tons	1.62	0.548	0.206	0.146	0.148
Agricultural production - Mil Met Tons	510.7	577.1	661.1	750.9	836.5
Agricultural exports - Mil Met Tons	3.78	8.54	20.17	35.95	45.64
Yield in agriculture, tons/hectare	3.006	3.383	3.807	4.257	4.715
ECONOMIC					
Private consumption - Billion \$	308	409	562	762	1031
Gross domestic product - Billion \$	470	632	848	1166	1608
Gross domestic product at PPP - Billion \$	2127	2600	3180	3945	4893
GDP per capita - Thousand \$	0.462	0.584	0.738	0.959	1.257
GDP per capita at PPP - Thousand \$	2.092	2.404	2.768	3.246	3.827
GDP annual growth rate - Growth Rate	5.327	5.581	6.31	6.708	6.671
Globalization level index - Index	21.34	25.88	30.78	32.72	33.71
Government consumption (net of transfers) - Billion \$	59.2	81	110.4	154.4	216.4
Government expenditures - Billion \$	81.6	114.6	159.9	229.5	333.1
Investment - Billion \$	108.1	164.8	222.6	302.6	412.6
Infrastructure index, modern - Ind Base 100	1.447	1.927	2.472	3.157	4.013
Knowledge society index - Index	19.5	20.33	21.53	23.34	25.61
Imports - Billion \$	76	121.5	198.9	298.8	441.2
Exports - Billion \$	70.8	98.6	152.3	245.6	389.2
ENERGY					
Energy imports - Bil Bar OE	0.856	1.048	1.607	2.394	3.406
Energy production - Bil Bar OE	0.2846	0.2467	0.1986	0.1536	0.1333
Energy price, Index Base 100	100	106.4	106.6	100.8	107

Example of a single grid view in IFs

The sub-options under the View selection allow examination of percentage changes from the initial year or the percentage difference between a selected Run-Result-File and the base case. Click on View and then on Percent change from first year. The user will be able to see whether variables are forecasted to grow or shrink relative to the base year. The base case can also then be compared to different Run-Result-Files with the percent change from the Base Case sub-option.

The sub-option next to View is Explain Scenarios. This sub-option contains several functions. The user is able to select Show Scenario Annotation which explains the premises and assumptions of a given scenario. The numbering of the various scenarios is explained by a function in this sub-option, and the user can also attach new scenarios that he/she may have developed.

To experiment with Identify a variable of special interest to you in a grid table of the Basic Report (such as Population). Double-click on the variable name. That will call up a table of the variable over time. The table will have at least two columns. Each column header will show the name of the variable for a particular Run-Result-File or scenario of the model, and the number in brackets after the variable name identifies the Run-Result-File. For instance, the number 1 always identifies the Base Case. The Explain File Numbering sub-option under Explain Scenarios on the Basic Report menu can explain more about file numbering. With the table on your screen, select the Line Graph option and the Bar Graph option to see how to differently display this variable.

The Switch to Report 2/Switch to Report 1 toggle allows you to move between two different reports that can display different variables. In order to personalize the variables you see in Report 1 and Report 2, click on the Define Report option. By clicking on Define Report, a

screen opens with all possible variables that can be included in a report organized into columns: the first column describes the variable, the next column defines what sub-module it belongs in, the next column allows you to include (Yes) or not include (No) this variable in Report 1, the next column allows you to specify the dimensions of the variable used in Report 1, the next asks you to include (Yes) or not include (No) this variable in Report 2 and the final column allows you to specify the dimensions of the variable used in Report 2.

The user is able to print the Basic Report by clicking on Display Report for Printing, which shows what the report would like as a printed document.

Clicking on the option Define Report will cause a dialogue box to appear. This dialogue box contains a list definitions for the variables included in the Basic Report, as well as for a multitude of variables that may not be included. To include a variable not listed in the Basic Report but is included in the Definition list, simply left click on the cell in the Report column to highlight the cell, and then click on the arrow that appeared in the cell. The "No" should change to "Yes." If the user wants to include the newly added variable in multiple reports, then the "No" cell in the Report 2 column should also be changed to "Yes," by following the same procedure. The user is also able to select from multiple dimensions for some of the variables.

Multiple Grid View

You can click on the Switch to Multiple Grid toggle at the top of the menu to switch to a different and, for some users, preferable form of display. You will be presented with a multiple grid table that separates variables into different categories. From the Multiple Grid report, you are able to accomplish the same functions as were explained above in the Single Grid report section, however, years are not displayed across the column headers. A new scroll-down list appears between the country/regions list and the Run-Result-File list. You now can specifically choose the year you would like displayed.

Basic Report

Exit View Explain Scenarios Use Groups Switch to Report 2 Switch to Single Grid Display Report for Printing Define Report

Countries or Regions

Select Year

Select File:

Double Click on name for table - Right Click for full name.

Afghanistan

2000

0 - Working File, based on IFSBASE.RUN

Population	
DEF	VALUE
Birth - Mil People	0.5534
Crude birthrate - Per Thous	26.34
Deaths - Mil People	0.346
Infant mortality rate per 1,000 live	150.5
Life expectancy - Years	42.96
Malnourished children as percent	38.93
Malnourished population as perce	71.75
Population - Mil People	21.39
Population growth rate - Percent	2.006
Population in urban areas - Mil P	5.809
Population in urban areas, growth	5.491

Environmental	
DEF	VALUE
Annual carbon emissions from fos	0.0045
Forest - Land - Mil Hectare	1.7
Water usage, annual - Cubic Km	26.11

Economic	
DEF	VALUE
Exports - Billion \$	13.29
GDP annual growth rate - Growth	2.613
GDP per capita - Thousand \$	1
GDP per capita at PPP - Thousar	2.423
Globalization level index, base ye	6.827
Government consumption (net of	2.225
Government expenditures - Billion	5.36
Gross domestic product - Billion \$	21.39
Gross domestic product at PPP - l	51.83
Imports - Billion \$	17.9
Infrastructure index, modern, base	3.284

Energy	
DEF	VALUE
Energy demand ratio to GDP - BE	1.995
Energy exports - Bil Bar OE	0.0001
Energy imports - Bil Bar OE	0.0023
Energy price - Base 100	100
Oil - Energy production - Bil Bar C	0.0098

Agriculture	
DEF	VALUE
Crop - Agricultural demand - Mil M	6.623
Crop - Agricultural exports - Mil M	0.0866
Crop - Agricultural imports - Mil M	0.3192
Crop - Agricultural production - Mil	10.48
Yield in agriculture - Tons/Hectar	1.301

Political & Social	
DEF	VALUE
Aid (foreign), net - Billion \$	0
Calories per capita available - Per	1755
Freedom House freedom indicato	5
Government corruption perceptio	2.5
Government effectiveness (qualit	1.26
Literacy, percentage of population	64.49
Physical quality of life index - Ind	43.78
Population with income less than	5.232
Population with income less than	11.03
Power index - Index	0.1564
Tax rate of central government - f	0.1954

Example of a multiple grid view in IFs

Retrieved from "[https://pardeewiki.du.edu//index.php?title=Basic_Report_\(Download\)&oldid=7611](https://pardeewiki.du.edu//index.php?title=Basic_Report_(Download)&oldid=7611)"

This page was last edited on 26 July 2017, at 22:39.